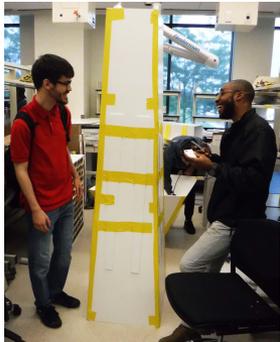


Need(s) or Areas to Watch

- None at this time

Cross - Collaboration

- Participation at the Mission Earth GME Satellite Conference with over 200 students.
- Consulting and working with Arctic and Earth SIGNs; Mission Earth, IGES-NASA Earth Science Education Collaborative, and Earth Observer, and GLOBE
- Planning for GLOBE Annual Conference, co-hosting with Mission Earth
- Work with Mission Earth supplying data loggers for weather stations to submit GLOBE data.
- Partnered with Palmyra Cove and Betsy Stefany – AREN Project in STEM for ALL Video Showcase



AREN Project at the Ball Park



Clippert Multicultural Academy, Detroit



UMES Future Engineers

Updates/Changes

- Website Updates
- Additions to “AREN User Community”
- Field Testing of Kites
- Monthly – Earthlings, NASA Headquarters, SciAct Working Group and AREN Team Monthly Online/Phone Conferences
- Plastics Testing for 3D Printing
- ROVER Testing – TAZ 6
- Wind Speed Challenge in Progress
- Ongoing Partner Meetings with Evaluation Team
- Additional Weather Stations Added to AREN Project
- Ongoing planning meetings for GLOBE Annual Meeting
- Rouge Project/Aerial Imaging/Atmospheric Profiling with Clippert Multicultural Academy of Detroit (35 Students) and at STEAM School in Farmington (70 Students)
- Participated in GLOBE Watercooler (Featuring AREN Teacher)
- AREN Project at the Bowie Bay Sox STEM Day (1200 Participants)
- Two Nuggets submitted for AREN at NSTA and AEROKATS in Puerto Rico
- UMESS AVSC 310 (Remote Sensing) and AVSC 150 (Engineering Design) Final Projects

Look Ahead

- 2019 GLOBE Annual Meeting in Detroit, MI in July
- Bay Sox Stem Days in May
- Odyssey of the Mind at Michigan State University
- Lewis and Clark Trail Project
- Completion of the AREN Project Wind Speed Challenge